

Form PTO-1449

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APPLICATION NO.
NEW

APPLICANT
AZECHI, Syuuichi et al.

FILING DATE
January 4, 2002

GROUP

JC432 U.S. PTO
10/035213
01/04/02

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MF	4,686,124	1987-08-11	Onohara et al.	/	/	/
MF	4,814,231	1989-03-21	Onohara et al.	/	/	/
MF	4,834,721	1989-05-30	Onohara et al.	/	/	/
MF	5,989,704	1999-11-23	Hashimoto et al.	/	/	/
MF	5,879,809	1999-03-09	Muramatsu et al.	/	/	/
MF	5,536,803	1996-07-16	Fujiki et al.	/	/	/
MF	5,405,896	1995-04-11	Fujiki et al.	/	/	/
MF	4,582,762	1986-04-15	Onohara et al.	/	/	/

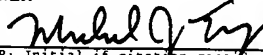
FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
MF	63-045292 B2	1988-09-08	JAPAN	/	/	ABS	/
MF	63-183843 A	1988-07-29	JAPAN	/	/	/	/
MF	0 276 790 B1	1994-06-29	EUROPE	/	/	/	/
MF	9-165516 A	1997-06-24	JAPAN	/	/	ABS	/
MF	9-165517 A	1997-06-24	JAPAN	/	/	ABS	/
MF	6-172738 A	1994-06-21	JAPAN	/	/	ABS	/
MF	8-53661 A	1996-02-27	JAPAN	/	/	ABS	/
MF	2-34311 B2	1990-08-02	JAPAN	/	/	/	/

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER



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